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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,285	07/07/2003	Makoto Maki	MES1P076	8213

22434 7590 11/22/2006

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EXAMINER
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DOAN, KIET M

ART UNIT	PAPER NUMBER
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2617

DATE MAILED: 11/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/615,285	MAKI ET AL.	
	Examiner	Art Unit	
	Kiet Doan	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 July 2003.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. **Claims 1, 4-6** are rejected under 35 U.S.C. 103(a) as being unpatentable over Thompson et al. (Pub. No. 2002/0022483) in view of Nii (Pub. No. 2002/0065730).

Consider **claims 1, 4, 5-6**. Thompson teaches a content reservation and pickup system, where multiple access points as radio relay stations for a wireless LAN are located at multiple spots that are mutually apart from each other, and a radio communication area of each access point is established in a coverage of radio wave transmitted from the access point in said content reservation and pickup system, when a terminal enters a radio communication area of a first access point which is one of said multiple access points, said terminal gains access to said first access point to reserve acquisition of a selected content via the Internet, after the reservation (Abstract, Paragraphs [0029-0031], [0076-0079] Fig.1, Illustrate and teach portable computing device No.110 as read on terminal and when the device/terminal in range with Aps and gain access services wherein the device/terminal reserve acquisition of a selected content via the Internet),

said first access point comprising:

an input module that inputs content identification information for identifying the selected content for pickup, location specification information for specifying a location outside the radio communication area of said first access point as a pickup location of the selected content, and receiver identification information for identifying a person who picks up the selected content, through an access from said terminal entering the radio communication area of first access point (Paragraphs [0079-0081]);

a specification module that retrieves a radio communication area including the location specified by the input location specification information and specifies an access point that covers the retrieved radio communication area as an second access point (Paragraphs [0090-0091] teach provide location); and

an information transmission module that maps the input receiver identification information to information on the selected content for pickup and transmits the mapped information to said specified second access point via the Internet (Paragraphs [0034], [0096], [0107]). Thompson teaches the limitation of claim as discuss **but silent on**

said second access point comprising:

a storage module that stores the selected content for pickup, which is acquired through an access to a Web server on the Internet based on the content identification information and is mapped to the receiver identification information;

an authentication module that requests input of the receiver identification information in response to an access from any terminal, and authenticates the access when the input receiver identification information is identical with the stored receiver identification information; and

a content transmission module that transmits the selected content, which is stored as mapped to the receiver identification information, to said terminal authenticated by said authentication module.

In an analogous art, Nii teaches "Method of and a system for distributing electronic content". Further, **Nii teaches** said second access point comprising:

a storage module that stores the selected content for pickup, which is acquired through an access to a Web server on the Internet based on the content identification information and is mapped to the receiver identification information (Abstract, Paragraphs [0016], [0052-0053], Fig.1, Illustrate Multimedia database No.44 which read on store module that stores the selected content for pickup),

an authentication module that requests input of the receiver identification information in response to an access from any terminal, and authenticates the access when the input receiver identification information is identical with the stored receiver identification information (Paragraph [0054, 0059] teach authorization information); and

a content transmission module that transmits the selected content, which is stored as mapped to the receiver identification information, to said terminal authenticated by said authentication module (Paragraphs [0026-0029], [0016-0017] teach transmits the selected content).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to modify Thompson and Nii system, such that a content reservation and pickup system, where multiple access points as radio relay stations for a wireless LAN are located at multiple spots that are mutually apart

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from each other, and a radio communication area of each access point is established in a coverage of radio wave transmitted from the access point in said content reservation and pickup system, when a terminal enters a radio communication area of a first access point which is one of said multiple access points, said terminal gains access to said first access point to reserve acquisition of a selected content via the Internet to provide means for the convenient and safety/security when users access to pickup file or content.

2. **Claims 2-3, 7-8** are rejected under 35 U.S.C. 103(a) as being unpatentable over Thompson et al. (Pub. No. 2002/0022483) in view of Nii (Pub. No. 2002/0065730 and further view of ketola (Pub. No. 6,112,099).

Consider **claim 2**. Thomson and Nii teach the limitation of claims as discuss above **but silent on** a content reservation and pickup system in accordance with claim 1, wherein said information transmission module transmits the content identification information as the information on the selected content for pickup, and

said second access point further comprising:

a content fetch module that gains access to the Web server connecting with the Internet based on the input content identification information, and fetches the selected content for pickup prior to a movement of said authenticated terminal into the radio communication area of said second access point.

In an analogous art, Ketola teaches "Terminal device for using telecommunication services". Further, **Ketola teaches** a content reservation and

pickup system in accordance with claim 1, wherein said information transmission module transmits the content identification information as the information on the selected content for pickup, and

said second access point further comprising:

a content fetch module that gains access to the Web server connecting with the Internet based on the input content identification information, and fetches the selected content for pickup prior to a movement of said authenticated terminal into the radio communication area of said second access point (C2, L21-37, C5, L40-67, teach the mobile device contain fetch module that gains access to the Web server).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to modify Thompson, Nii and Ketola system, such that system contain fetch module to provide means for users easy access to storage to pickup/select the content.

Consider **claim 3 and 8**. Ketola teaches a content reservation and pickup system in accordance with claims 1, wherein said input module inputs hardware inherent information for identifying said terminal that picks up the content, instead of the receiver identification information (Fig.1-2 Illustrate as module inputs hardware).

Consider **claim 7**. Ketola teaches a data pickup system in accordance with claim 6, wherein the communication line is any one of an exclusive communication line, the

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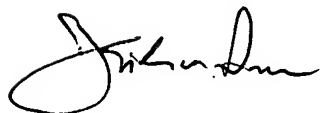
Internet, and a closed net virtually formed on a network like the Internet (C3, L65-67, C4, L1-33).

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiet Doan whose telephone number is 571-272-7863. The examiner can normally be reached on 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Kiet Doan  
Patent Examiner

  
JOSEPH FEILD  
SUPERVISORY PATENT EXAMINER